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On

April 6, 2007

By

Lani M. Cummings

PATENT

Attorney Docket No.: 022013-000170US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KOLKMAN and STEMMER

Application No.: 10/693,057

Filed: October 24, 2003

For: METHODS FOR USING  
COMBINATORIAL LIBRARIES OF  
MONOMER DOMAINS

Customer No.: 30174

Confirmation No. 1548

Examiner: Liu

Art Unit: 1639

INFORMATION DISCLOSURE  
STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each foreign patent document and non-patent listed reference is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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Application No. 10/693,057  
Kolkman et al.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application, and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The information disclosure statement submitted herewith is being filed after the mailing date of the first Office action on the merits, but before the mailing date of either a final action under § 1.113 or a notice of allowance under § 1.311, whichever occurs first.

Please charge Deposit Account No. 01-0519 the amount of \$180.00 as set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under § 1.97(c).

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 01-0519 in the name of Amgen Inc.

Respectfully submitted,



Charles K. Sholtz  
Attorney/Agent for Applicant(s)  
Registration No.: 38,615  
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Date: 4-5-2007

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete if Known</b>			
	<b>Application Number</b>	10/693,057		
	<b>Filing Date</b>	October 24, 2003		
	<b>First Named Inventor</b>	Kolkman, et al.		
	<b>Art Unit</b>	1639		
	<b>Examiner Name</b>	LIU, Sue Xu		
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>8</b>	<b>Attorney Docket No:</b> 022013-000170US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-6140466	10-31-2000	BARBAS, III; Carlos F. et al.	
		US-2004132094A1	07-08-2004		
		US-20050053973	03-10-2005	KOLKMAN; Joost A. et al.	
		US-20050089932	04-28-2005	KOLKMAN; Joost et al.	
		US-20050221384	10-06-2005	KOLKMAN; Joost A. et al.	
		US-20060008844A1	01-12-2006	STEMMER; Willem P. C. et al.	
		US-20060177831	08-10-2006	STEMMER; Willem P. C. et al.	
		US-2006223114A1	10-05-2006	STEMMER; Willem P. C. et al.	
		US-2006234299A1	10-19-2006	STEMMER; Willem P. C. et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP-623679A1	11-09-1994	Micromet Ag		<input type="checkbox"/>
		EP-640130	04-15-1998	Creative Biomolecules, Inc.		<input type="checkbox"/>
		WO-0034784	06-15-2000	Phylos, inc.		<input type="checkbox"/>
		WO-0060070	10-12-2000	Innogenetics N.V.		<input type="checkbox"/>
		WO-0075308	12-14-2000	Skerra, Arne		<input type="checkbox"/>
		WO-0127147	04-19-2001	The University of Queensland et al.		<input type="checkbox"/>
		WO-0157065	08-09-2001	Diversys Limited		<input type="checkbox"/>

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		Examiner Name	LIU, Sue Xu		
Sheet	2	of	8	Attorney Docket No: 022013-000170US	

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		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO-0177342	10-18-2001	Genentech, Inc.		<input type="checkbox"/>
		WO-0204523	01-17-2002	Research Corporation Technologies, Inc. et al.		<input type="checkbox"/>
		WO-0212277	02-14-2002	Diversys Limited		<input type="checkbox"/>
		WO-0232925	04-25-2002	Phylos, Inc. et al.		<input type="checkbox"/>
		WO-9106305	05-16-1991	Bristol-Myers Squibb Company		<input type="checkbox"/>
		WO-9111461	08-08-1991	Biogen, Inc. et al.		<input type="checkbox"/>
		WO-9117173	11-14-1991	Cytogen Corporation		<input type="checkbox"/>
		WO-9323537	11-25-1993	Creative Biomolecules et al.		<input type="checkbox"/>
		WO-9411403	05-26-1994	Mosbach, Klaus et al.		<input type="checkbox"/>
		WO-9428173	12-08-1994	Affymax Technologies N.V. et al.		<input type="checkbox"/>
		WO-9519567	07-20-1995	The Trustees of Columbia University in the City of New York et al.		<input type="checkbox"/>
		WO-9637621	11-28-1996	Morphosys Gesellschaft fuer Proteinoptimierung MbH et al.		<input type="checkbox"/>
		WO-9721829	06-19-1997	Merck Patent GmbH		<input type="checkbox"/>
		WO-9856906	12-17-1998	Larsen, Ingrid, Kjoller		<input type="checkbox"/>
		WO-9856915	12-17-1998	Research Corporation Technologies, Inc.		<input type="checkbox"/>
		WO-9916873	04-08-1999	Skerra, Arne		<input type="checkbox"/>
		WO-9919276	04-22-1999	ALNIS, LLC et al.		<input type="checkbox"/>
		WO-9945110	09-10-1999	Diatech Pty. Ltd.		<input type="checkbox"/>

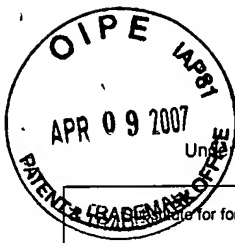
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<b>Sheet</b>	<b>3</b>	<b>of</b>	<b>8</b>	<b>Attorney Docket No:</b> 022013-000170US	

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		ADAMS G. et al., Generating improved single-chain Fv molecules for tumor targeting, J. of Immunol Methods, 1999, 231 (1-2), 249-260.	
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		DOLEZAL O. et al., ScFv multimers of the anti-neuraminidase antibody NC10: shortening of the linker in single-chain Fv fragment assembled in V(L) to V(H) orientation drives the formation of dimers, trimers, tetramers and higher molecular mass multimers, Protein Engineering, 2000, 13 (8), 565-574.	
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		GUNNERIUSSON E. et al., Affinity maturation of a Taq DNA polymerase specific affibody by helix shuffling, Protein Engineering, 1999, 12 (10), 873-878.	
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		HORN I. et al., Molecular analysis of ligand binding to the second cluster of complement-type repeats of the	

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		low density lipoprotein receptor-related protein. Evidence for an allosteric component in receptor-associated protein-mediated inhibition of ligand binding., J. of Biology Chem., 1997, 272 (21), 13608-13613.	
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		HUDSON P. et al., High avidity scFv multimers; diabodies and triabodies., J. of Immunol. Methods, 1999, 231, 177-189.	
		HUSSAIN M. et al., The mammalian low-density lipoprotein receptor family., Annu. Rev. Nutr., 1999, 9, 141-172.	
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		JERMUTUS L. et al., Tailoring in vitro evolution for protein affinity or stability., PNAS, 2001, 98 (1), 75-80.	
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		KU J. et al., Alternate protein frameworks for molecular recognition., PNAS(USA), 1995, 92 (14), 6552-6556.	
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		<b>Examiner Name</b>	LIU, Sue Xu		
<b>Sheet</b>	<b>6</b>	<b>of</b>	<b>8</b>	<b>Attorney Docket No:</b> 022013-000170US	

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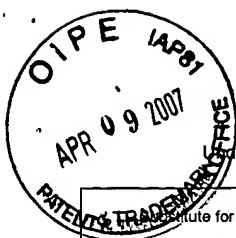
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